

Examiner's Copy

AN 1996:302336 HCPLUS
DN 124:349149
TI Surface hardening treatment
IN Matsushima, Yoshitake; Abe, Satoshi; Kuramoto, Hiroshi
PA Kobe Steel Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08053711	A2	19960227	JP 1994-189646	19940811
AB	Steels contg. .gtoreq.0.5% Si or .gtoreq.1.6% Cr are surface hardened by (1) forming into prescribed shapes, (2) shot peening by shot of grain size .gtoreq.0.1 mm and injection speed .gtoreq.20 m/s, and (3) carburization, nitridation, or carbonitridation. The surface of steel strips may be treated by pickling with aq. soln. contg. .gtoreq.5% inorg. acids.				